

Listing of Claims

This listing of claims replaces all prior versions, and listings, of claims in the captioned application.

Please delete claims 1-64.

Please add the following claims 65-71.

65 (new). An isolated nucleic acid molecule, comprising a nucleotide sequence encoding a cyclooxygenase-3 enzyme wherein the enzyme comprises an amino acid sequence of SEQ ID NO:4 or SEQ ID NO:6, or the complementary sequence thereof.

66 (new). An isolated nucleic acid molecule, comprising a nucleotide sequence of SEQ ID NO:3 or SEQ ID NO:5, or the complementary sequence thereof.

67 (new). An expression vector comprising the nucleic acid molecule of claim 65.

68 (new). An expression vector comprising the nucleic acid molecule of claim 66.

69 (new). A recombinant host cell comprising the expression vector of claim 67.

70 (new). A recombinant host cell comprising the expression vector of claim 68.

71 (new). A kit comprising a nucleic acid probe that selectively hybridizes to a nucleic acid molecule encoding a polypeptide having an amino acid sequence of SEQ ID NO:4 or SEQ ID NO:6.